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32 33 31

54

Bezeichnung:

Verfahren zur Herstellung von Betondecken

71

Anmelder:

Wolff & Müller, 7000 Stuttgart

72

Erfinder:

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Prüfungsantrag gem. § 28b PatG ist gestellt

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DERWENT-ACC-NO: 1975-81820W

DERWENT-WEEK: 197550

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TITLE: Concrete surfaces mfr for roads or factory
floors - using layer of lean concrete covered by epoxy-
resin mortar

PATENT-ASSIGNEE: WOLFF & MULLER [WOLFN]

PRIORITY-DATA: 1974DE-2426521 (May 31, 1974)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
DE 2426521 A	December 4, 1975	N/A
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DE 2426521 B	April 20, 1978	N/A
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INT-CL (IPC): E01C007/32, E04F015/12

ABSTRACTED-PUB-NO: DE 2426521A

BASIC-ABSTRACT:

In mfg. concrete surfaces, a layer of lean concrete is applied to the sub-structure or foundation and, after the cracks and fissures have formed, a layer of epoxy-resin mortar is applied with a consistency such that the cracks in the surface of the lean concrete are filled. The binder for the lean concrete is pref. a high-grade, high-strength, rapid-setting cement. The pref. filler for the epoxy-resin mortar is silica flour and/or silica sand used in a ratio between 1:4.5 and 1:8.5, esp. a filler contg. 35-45% silica sand, size 0.4-0.7 mm with 45-60% silica sand, size 0.7-1.2 mm. Alternatively, a magnesite-base filler may be used. Used for the mfr. of road surfaces for motor vehicles involving high loads or factory floors with high

compression
strength. Provides improved strength and wear-resistance, and is
completely
inert to corrosive materials.

TITLE-TERMS: CONCRETE SURFACE MANUFACTURE ROAD FACTORY FLOOR LAYER
LEAN

CONCRETE COVER EPOXY RESIN MORTAR

DERWENT-CLASS: A93 L02 Q41 Q45

CPI-CODES: A05-A01E1; A12-R03; A12-R09; L02-D01; L02-D09;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 012 04- 226 229 231 308 310 445 473 477 541 545 551
567 569
597 598 613 614 623 626 721 724